

TAB I

PART 3

<http://trademarks.uspto.gov:443/...+F+1+1+1+MS%2fcombichip><http://trademarks.uspto.gov:443/...+F+1+1+1+MS%2fcombichip>[Help](#) [Home](#) [Marks](#) [Boolean](#) [Manual](#) [Number](#) [Order Copy](#) [PTOOLS](#)

(1 of 1)



Word Mark *COMBICHIP*
Pseudo Mark COMBINE CHIP
Owner Name (APPLICANT) Gemplus G.C.A
Owner Address ZI Athelia III Voi Antiope 13705 La Ciota FRANCE CORPORATION FRANCE
Attorney of Record ROLAND PLOTEL
Serial Number 75-462058
Filing Date 04/03/1998
Section 1(B) indicator SECTION 1 (B)
Mark Drawing Code (1) TYPED DRAWING
Register PRINCIPAL
Section 44 Indicator SECT 44
Priority Date 10/03/1997
Type of Mark TRADEMARK; SERVICE MARK

RECEIVED
 MAR 25 1999
 TECHNOLOGY CENTER 2800

International Class

009

Goods and Services

devices and equipment used in information processing; software including software that can be used in chips; integrated circuits and microcircuits used in memory cards or electronic labels; computer programs; coding microprogramming systems; chips, integrated circuits; printed circuits; microprogramming systems; chips, integrated circuits; printed circuits; microsuits; cards containing chips, cards containing integrated circuits; identification labels; electronic labels; transponders; cards containing microcircuits; readers of cards containing chips, integrated circuits or microcircuits; devices and equipment functioning with cards containing chips, integrated circuits or microcircuits; electrical or electronic components, including semiconductors, devices containing semiconductors and microprocessors; magnetic cards; magnetic identification cards; devices for accessing and controlling access to information processing devices and equipment; devices for identification and authentication used in information process apparatuses and equipment; apparatuses and equipment allowing access to telephone networks; devices for accessing and controlling access and for identification and authentication used in telephone networks; telephone devices

International Class

016

<http://trademarks.uspto.gov/cgi-bin...4+0+1+1+1+MS%2fcombichi>

<http://trademarks.uspto.gov/cgi-bin...4+0+1+119325+F+1+1+1+MS%2fcombichi>

Goods and Services

user manuals

International Class

038

Goods and Services

communication via computer terminals; communication via telephone; electronic messages; computer-aided transmission of messages, data and images; lending message transmission apparatuses; message and data transmission via telephone; lending computers, lending computer software

International Class

042

Goods and Services

professional advice without affecting the way of doing things; advice on computer-related matters; providing software especially in finances, entertainment, health, medicine and transport; services relating to research, customization and implementation of software, cards containing chips and cards containing integrated circuits; services relating to research and expertise in the area of computing; research on technical projects in the area of computing; services on software production; lending access time data base servers



(1 of 1)



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MAR 25 1999

TECHNOLOGY CENTER 2800

Notice of Allowability	Application No. 08/913,582	Applicant(s) Leighton
	Examiner Daniel Sherr	Group Art Unit 2876

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.

This communication is responsive to March 25, 1999

The allowed claim(s) is/are 1, 3-6, 8, 9, 11-19, 21, and 22

The drawings filed on _____ are acceptable.

Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All Some* None of the CERTIFIED copies of the priority documents have been received.

received in Application No. (Series Code/Serial Number) _____.

received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received:

Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(a).

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.

Applicant MUST submit NEW FORMAL DRAWINGS

because the originally filed drawings were declared by applicant to be informal.

including changes required by the Notice of Draftsperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No. _____.

including changes required by the proposed drawing correction filed on _____, which has been approved by the examiner.

including changes required by the attached Examiner's Amendment/Comment.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

Attachment(s)

Notice of References Cited, PTO-892

Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

Notice of Draftsperson's Patent Drawing Review, PTO-948

Notice of Informal Patent Application, PTO-152

Interview Summary, PTO-413

Examiner's Amendment/Comment

Examiner's Comment Regarding Requirement for Deposit of Biological Material

Examiner's Statement of Reasons for Allowance

Application/Control Number: 08/918,582

Page 2

Art Unit: 2876

Allowable Subject Matter

1. Claims 1, 3-6, 8, 9, 11-19, and 21-22 are allowed.
2. The following is an examiner's statement of reasons for allowance:

No prior art or reasonable combination of art was found to overcome the limitation of the electronic unit being place directly between two plastic sheets.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. The application having been allowed, formal drawings are required in response to this Office action.

Response to Arguments

4. The arguments of the applicant have been taken into consideration and found persuasive. All claims were found allowable.

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Daniel H. Sherr** whose telephone number is (703) 305-0267.

Application/Control Number: 08/918,582

Page 3

Art Unit: 2876

The examiner can normally be reached between the hours of 7:30 AM to 6:00 PM Monday thru Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Donald Hajec, can be reached on (703) 308-4075. The fax phone number for this Group is (703)308-5841 or (703) 308-7722.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [donald.hajec@uspto.gov].

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0956.

Daniel H. Sherr

April 8, 1999


Donald Hajec
Supervisory Patent Examiner
Technology Center 2800



UNITED STATES-DEPARTMENT OF COMMERCE
Patent and Trademark Office

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

MM51/0412

MARK A WATKINS
OLDHAM & OLDHAM CO
1225 WEST MARKET STREET
AKRON OH 44313-7188

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
08/918,582	08/19/97	018	SHERR, D	2876 04/12/99
First Named Applicant	LEIGHTON, 35 USC 154(b) term ext. = 0 Days.			

TITLE OF INVENTION
HOT LAMINATION PROCESS FOR THE MANUFACTURE OF A COMBINATION
CONTACT/CONTACTLESS SMART CARD AND PRODUCT RESULTING THEREFROM
(AS AMENDED)

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEES DUE	DATE DUE
2 60142	235-488.000	R59	UTILITY	YES	\$605.00	07/12/99

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT.
PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS
APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

HOW TO RESPOND TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.
If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
- B. If the status is the same, pay the FEE DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

II. Part B-Issue Fee Transmittal should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B Issue Fee Transmittal should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "4b" of Part B-Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give application number and batch number.
Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PATENT AND TRADEMARK OFFICE COPY

Do not enter

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Keith Leighton

Examiner: Sherr, D.

Serial No. 08/918,582

Art Unit: 2876

Filed: 8/19/97

Date: May 14, 1999

RECEIVED

MAY 27 1999

Publishing Division

Title: HOT LAMINATION PROCESS FOR THE MANUFACTURE COMBINATION
CONTACT/CONTACTLESS SMART CARD AND PRODUCT RESULTING
THEREFROM

Commissioner of Patents and Trademarks
Washington, D.C. 20231

AMENDMENT AFTER ALLOWANCE UNDER 37 C.F.R. 312(a)

Dear Sir:

The following amendment is offered for entry after receipt of the Notice of Allowance
mailed April 12, 1999, and before payment of the issue fee.

In the Claims:

1. (Twice Amended) A process for incorporating at least one electronic element in the manufacture of a plastic card, comprising the steps of:

- (a) providing first and second plastic core sheets;
- (b) positioning said at least one electronic element in the absence of a non-electronic carrier directly between said first and second plastic core sheets to form a core, said plastic core sheets defining a pair of inner and outer surfaces of said core;
- (c) positioning said core in a laminator apparatus, and subjecting said core to a heat and pressure cycle, said heat and pressure cycle comprising the steps of:
 - (i) heating said core for a first period of time;
 - (ii) applying a first pressure to said core for a second period of time such that said at least one electronic element is encapsulated by said core;
 - (iii) cooling said core while applying a second pressure to said core /

(d) [coating at least one of said outer surfaces of said core with a layer of ink;

(e)] milling a region of said core to a controlled depth so as to form a cavity which exposes at least one contact pad of said electronic element.

18. (Twice Amended) The process for incorporating at least one electronic element in the manufacture of a plastic card as recited in claim [7]1, wherein said second pressure is greater than said first pressure.

19. (Amended) A [hot lamination] process as recited in claim 1 having a further step following step [d)](c), said step comprising: positioning [said core in a laminator apparatus with] a layer of overlaminant film on at least one of said [upper and lower] surfaces of said core, positioning said overlaminant film and said core in a laminator apparatus and laminating said layer of overlaminant film to said core in said laminator to thereby form a sheet of plastic card stock.

19. (Twice Amended) The process for incorporating at least one electronic element in the manufacture of a plastic card as recited in claim [1]27, wherein said coating step [(d)] is carried out utilizing a printing press.

19. (Twice Amended) The process for incorporating at least one electronic element in the manufacture of a plastic card as recited in claim [1]27, wherein said coating step [(d)] is carried out utilizing a coating technique selected from the group consisting of silk screen printing, offset printing, letterpress printing, screen printing, roller coating, spray printing, and litho-printing.

19. (Twice Amended) The process for incorporating at least one electronic element in the manufacture of a plastic card as recited in claim 1, [wherein said step (e) of applying a layer of overlaminant film comprises the further steps of] having a further step after said step (c) comprising:

(a) positioning an overlaminant film on said at least one [ink coated] surface of said

core;

(b) subjecting said core to a [second] heat and pressure cycle comprising the steps of:

- (i) heating said core to a temperature between approximately 175°F to 300°F for approximately 10 to 25 minutes;
- (ii) applying approximately 1000 p.s.i. pressure to said core; and
- (iii) cooling said core to a temperature in the range of approximately 40°F to 65°F for approximately 10 to 25 minutes.

7. (Amended) A [hot lamination] process as recited in claim [2]1 comprising the further step of inserting an electronic contact element into said cavity.

2. (Twice Amended) A process for incorporating at least one electronic element having at least one electronic subcomponent in the manufacture of a plastic card, comprising the steps of:

- (a) providing first and second plastic core sheets, at least one core sheet having a cavity formed therein;
- (b) positioning said at least one electronic element in the absence of a non-electronic carrier between said first and second plastic core sheets to form a layered core, said plastic core sheets defining a pair of inner and outer surface of said core, and said cavity positioned so as to expose said at least one electronic subcomponent therein;
- (c) inserting a spacer into said cavity, said spacer substantially filling said cavity and covering said at least one electronic subcomponent;
- (d) positioning said core in a laminator apparatus, and subjecting said core to a heat and pressure cycle, said heat and pressure cycle comprising the steps of:
 - (i) heating said core for a first period of time;
 - (ii) applying a first pressure to said core for a second period of time such that said at least one electronic element is encapsulated by said core;
 - (iii) cooling said core while applying a second pressure to said core;
- (e) [coating at least one of said outer surfaces of said core with a layer of ink];
- (f) removing said spacer from the cavity of said core[;]

(g) cutting at least one card from said sheet of plastic card stock].

27. (Amended) A [hot lamination] process as recited in claim 21, wherein said electronic sub-component comprises one or more elements from the group consisting of a microprocessor chip, a contact pad, a transponder, and a contact sensor.

Please add the following claims:

25. A plastic card constructed in accordance with claim 1.
26. A plastic card constructed in accordance with claim 21.
27. The process of claim 1, further comprising the step of coating at least one of said surfaces of said core with a layer of ink.
28. The process of claim 21, further comprising the step of coating at least one of said surfaces of said core with a layer of ink.
29. The process of claim 11, further comprising the step of coating said at least one surface of said core with a layer of ink prior to positioning said overlaminant film on said at least one surface of said core.
30. The process of claim 16, further comprising the step of coating said at least one surface of said core with a layer of ink prior to positioning said overlaminant film on said at least one surface of said core.

Remarks

Applicant has amended claims 8 and 17 to reflect the proper dependence of these claims.

Applicant has amended claims 11, 16, and 22 to reflect proper antecedent basis.

Applicant has amended claims 1, 14, 15, and 21, and added claims 27-30 to remove the limitation of the ink coating step from the independent claims and included this limitation in the dependent claims. Applicant maintains that the ink coating is an optional step in the claimed process, and as such the removal of this step from the independent claims does not affect the patentability of the claimed invention. Applicant notes that this amendment does not impact on

the Examiner's reasons for allowance, but further clarifies what the applicant regards as his invention.

Applicant has added claim 25 and 26, which were inadvertently omitted from the prior amendment. Applicant notes that as product-by-process claims, claims 25 and 26 do not impact on the Examiner's reasons for allowance.

Conclusion

Applicant earnestly requests that the Examiner enter the proposed amendment after allowance inasmuch as the proposed changes do not impact the patentability of the invention, but further clarifies what the applicant regards as his invention.

Respectfully submitted,

OLDHAM & OLDHAM CO., L.P.A.



Date: 5/14/99

Mark A. Watkins
Registration 33,813

MAW/JDD/srm

Twin Oaks Estate
1225 West Market Street
Akron, OH 44313-7188
(330) 864-5550

Attorney Docket: 6014-2

Practitioner's Docket No. 6014-2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Leighton, Keith R
Application No.: 08/918,582
Filed: 08/19/1997
For: Hot Lamination Process for the Manufacture Combination Contact/Contactless Smart Card and Product Resulting Therefrom

Group No.: 2876
Examiner: Sherr, D.
Batch No. R59

U.S. Patent and Trademark Office
Office of Publications
Query and Correspondence Branch
Crystal Plaza 2 Room-6C30
Washington, D.C. 20231

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MAY 27 1999

Publishing Division

LETTER ACCOMPANYING AMENDMENT AFTER ALLOWANCE
(37 C.F.R. § 1.312)

1. Please make the amendments shown in the attached papers in this application in the claims.
2. Type of amendment:

Other (affects the disclosure, the scope of any claim or adds a claim)

As shown in the remarks in the attached supplemental pages, there is stated the reason (1) why the amendment is needed, (2) why the proposed amended or new claims require no additional search or examination, (3) why the claims are patentable, and (4) why they were not earlier presented.

3. The issue fee has not been paid.
4. Additional fees:

Please charge Account 15-0450 for any additional fees that may be required by the filing of this paper.


SIGNATURE OF PRACTITIONER

Reg. No.: 33,813
Tel. No.: (330) 864-5550
Customer No.: 021324

Mark A. Watkins
Oldham & Oldham Co., L.P.A.
1225 W. Market St.
Akron, OH 44313 USA



UNITED STATES,

Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/918,582	08/19/97	LEIGHTON	K 60142

MM42/0714 EXAMINER
MARK A WATKINS
OLDHAM & OLDHAM CO
1225 WEST MARKET STREET
AKRON OH 44313-7188
SHERR, D

ART UNIT	PAPER NUMBER
2876	8

DATE MAILED: 07/14/99

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

DEPARTMENT OF COMMERCE

Response to Rule 312 Communication	Application No.	Applicant(s)
	08/918,582	Leighton
Examiner	Group Art Unit	
Daniel Sherr	2878	

The petition filed on _____ under 37 CFR 1.312(b) is granted. The paper has been forwarded to the examiner for consideration on the merits.

The amendment filed on May 18, 1999 under 37 CFR 1.312 has been considered, and has been:

- entered.
- entered as directed to matters of form not affecting the scope of the invention (Order 3311).
- disapproved. See explanation below.
- entered in part. See explanation below.

The proposed amendment to the independent claims broadens their scope. This would require further consideration.

Since prosecution has been closed in this application, the amendment will not be entered.


Donald Hajec
Supervisory Patent Examiner
Technology Center 2800



7560
7310

#9 Jw B/S

Attorney Docket No.: 6014-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Leighton

Examiner: Sherr, D.

Serial No: 08/918,582

Art Unit: 2876

Filed: 08/19/97

Date: April 20, 1999

For: HOT LAMINATION PROCESS FOR THE MANUFACTURE OF A COMBINATION
CONTACT/CONTACTLESS SMART CARD AND PRODUCT RESULTING
THEREFROM

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Commissioner of Patents and Trademarks
Washington, D.C. 20231

JUL 13 1999

SUPPLEMENTAL DECLARATION

I, Keith R. Leighton, as an inventor named in the application for Letters Patent for an invention entitled Hot Lamination Process for the Manufacture of a Combination Contact/contactless Smart Card and Product Resulting Therefrom No.08/918,582, filed in the United States Patent and Trademark Office on 08/19/97, hereby declare that I have reviewed and understand the contents of the specification and all amendments made in this case, including the claims and declare that the subject matter of all such amendments was part of my invention and was invented before the filing of the original application, above identified, for such invention. I also ratify all acts of my attorneys in the prosecution of this application.

I acknowledge the duty of candor under 37 CFR §1.56(a). I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC §1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

7-7-99

Date

Signature

Keith R. Leighton

Practitioner's Docket No. 6014-2

8-9-51

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Leighton, Keith R

Application No.: 08/918,582

Filed: 08/19/1997

For: Hot Lamination Process for the Manufacture Combination Contact/Contactless Smart Card and Product Resulting Therefrom

Group No.: 2876

Examiner: Sherr, D.

Batch No. R59

U.S. Patent and Trademark Office
Office of Publications
Query and Correspondence Branch
Crystal Plaza 2 Room-6C30
Washington, D.C. 20231

LETTER ACCOMPANYING AMENDMENT AFTER ALLOWANCE
(37 C.F.R. § 1.312)

1. Please make the amendments shown in the attached papers in this application in the specification.

2. Type of amendment:

Correction of formal matters

As shown in the remarks of the attached paper, these (1) are needed for proper disclosure or protection of the invention and (2) require no substantial amount of additional work on the part of the PTO.

3. The issue fee has not been paid.

4. Additional fees:

Please charge Account 15-0450 for any additional fees that may be required by the filing of this paper.


SIGNATURE OF PRACTITIONER

Reg. No.: 33,813
Tel. No.: (330) 864-5550

Customer No.: 021324

Mark A. Watkins
Oldham & Oldham Co., L.P.A.
1225 W. Market St.
Akron, OH 44313 USA

Plus 2 Attached Pages



Please type a plus sign (+) inside this box → +

Approved for use through 09/30/2000. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	08/918,582
Filing Date	August 19, 1997
First Named Inventor	Keith R. Leighton
Group Art Unit	2876
Examiner Name	SHERR, D.
Total Number of Pages in This Submission	2
Attorney Docket Number 6014-2	

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Supplemental Declaration Return Card
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

RECEIVED
Publication Division

JUL 13 1999

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Mark A. Watkins
Signature	
Date	JUL 8, 1999

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 07/08/1999

Typed or printed name: Mark A. Watkins

Signature:

Date: JUL 8, 1999

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

#10/
C JWS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Keith Leighton Examiner: Sherr, D.
Serial No. 08/918,582 Art Unit: 2876
Filed: 8/19/97 Date: May 19, 1999

Title: HOT LAMINATION PROCESS FOR THE MANUFACTURE COMBINATION
CONTACT/CONTACTLESS SMART CARD AND PRODUCT RESULTING
THEREFROM

Commissioner of Patents and Trademarks
Washington, D.C. 20231

SECOND AMENDMENT AFTER ALLOWANCE UNDER 37 C.F.R. 312(a)

Dear Sir:

The following second amendment is offered for entry after receipt of the Notice of Allowance mailed April 12, 1999, and before payment of the issue fee. A first amendment under 37 C.F.R. 312 was mailed May 14, 1999.

In the Specification:

Please change delete "35" and replace with --37-- at the following points in the specification:
specification: page 10, line 9;
page 10, line 11;
page 10, line 12;
page 11, line 1; and
page 11, line 21.

Remarks

Applicant has made the proposed amendments to the specification because of a redundancy in the labeling of the drawings in the application. Figures 5 and 5a show two different items labelled as 35; applicant notes that the reference to 35 in Figure 5 will be changed

to 37 upon submission of the formal drawings. The amendments to the specification reflect the change to Figure 5.

Conclusion

Applicant earnestly requests that the Examiner enter the proposed amendment after allowance inasmuch as the proposed changes do not impact the patentability of the invention, but merely corrects an inconsistency in the labeling of the drawings.

Respectfully submitted,

OLDHAM & OLDHAM CO., L.P.A.



Date: 5/20/99

Mark A. Watkins
Registration 33,813

MAW/JDD/srm

Twin Oaks Estate
1225 West Market Street
Akron, OH 44313-7188
(330) 864-5550

Attorney Docket: 6014-2



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
 Washington, D.C. 20231

APPLICATION NUMBER 887510,582	FILING DATE 08/19/97	FIRST NAMED APPLICANT LEIGHTON	ATTORNEY DOCKET NO. K 60142
----------------------------------	-------------------------	-----------------------------------	--------------------------------

MARK A WATKINS
 OLDFHAM & OLDFHAM CO
 1225 WEST MARKET STREET
 AKRON OH 44313-7188

7541/1104

EXAMINER

SHERR, D

ART UNIT

PAPER NUMBER

2876

10 1/2

DATE MAILED: 11/04/99

**Response to Rule 312
 Communication**

The petition filed on 8/9/99 under 37 CFR 1.312(b) is granted. The paper has been forwarded to the examiner for consideration on the merits.

 Director,
 Patent Examining Group _____

The amendment filed on 8-9-99 under 37 CFR 1.312 has been considered, and has been:
 entered.
 entered as directed to matters of form not affecting the scope of the invention (Order 3311).
 disapproved. See explanation below.
 entered in part. See explanation below.

#11/D

lu

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Keith Leighton
Serial No. 08/918,586
Filed: 8/19/97
Examiner: Sherr, D.
Art Unit: 2876
Date: June 15, 1999

Title: HOT LAMINATION PROCESS FOR THE MANUFACTURE COMBINATION
CONTACT/CONTACTLESS SMART CARD AND PRODUCT RESULTING
THEREFROM

Commissioner of Patents and Trademarks
Washington, D.C. 20231

THIRD AMENDMENT AFTER ALLOWANCE UNDER 37 C.F.R. 312(a)

Dear Sir:

The following third amendment is offered for entry after receipt of the Notice of Allowance mailed April 12, 1999, and before payment of the issue fee. A first amendment under 37 C.F.R. 312 was mailed May 14, 1999; a second amendment under 37 C.F.R. 312 was mailed May 20, 1999.

In the Specification:

At page 6, line 7, please delete the words "Figs. 2a" and insert therefore --Fig. 2A--; at page 6, line 7, please delete the word "plan" and insert therefore --elevational--.

At page 6, line 9, please change "Fig. 3" to --Fig. 3A--.

At page 6, line 10, please change "3a-3a" to --3A-3A--.

At page 6, line 11, please change "Fig. 3a" to --Fig. 3B--.

At page 6, line 12, please change "3b-3b" to --3B-3B--.

At page 6, line 17, please change "5a" to --5A--; also at line 17, before the words "cross-sectional" insert the words --an enlarged--; also at line 17, before the words "an alternative embodiment" insert the words --of the portion encircled in Fig. 5 for--.

At page 7, line 17, change "2a" to --2A--.

At page 7, line 21, change "2a" to --2A--; change "3, and 3a" to --3A--.
At page 13, line 4, change "90" to --91--.
At page 13, line 8, change "Fig. 10" to --Fig. 7--.

Remarks

Applicant has made the proposed amendments to the specification after preparation of the final formal drawings. Applicant has found several errors such as duplicate numbering that required the changes indicated. None of the changes indicated represent new matter, but only clarify what the applicant regards as his invention.

Conclusion

Applicant earnestly requests that the Examiner enter the proposed amendment after allowance inasmuch as the proposed changes do not impact the patentability of the invention, but merely corrects an inconsistency in the labeling of the drawings.

Respectfully submitted,

OLDHAM & OLDHAM CO., L.P.A.



Mark A. Watkins
Registration 33,813

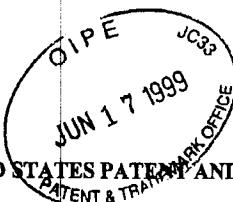
Date: June 15, 1999

MAW/JDD/srm

Twin Oaks Estate
1225 West Market Street
Akron, OH 44313-7188
(330) 864-5550

Attorney Docket: 6014-2

2862
61814
43



B

Practitioner's Docket No. 6014-2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Leighton, Keith R.

Application No.: 08/918,582

Group No.: 2876

Filed: 8/19/1997

Examiner: Sherr, D.

For: Elect Lamination Process for the Manufacture Combination Contact/Contactless Smart Card and Product Resulting Therefrom

Batch No. R59

U.S. Patent and Trademark Office
Office of Publications
Query and Correspondence Branch
Crystal Plaza 2 Room-6C30
Washington, D.C. 20231

LETTER ACCOMPANYING AMENDMENT AFTER ALLOWANCE
(37 C.F.R. § 1.312)

1. Please make the amendments shown in the attached papers in this application in the specification and drawings.

RECEIVED
Publishing Division

2. Type of amendment:

JUN 23 1999

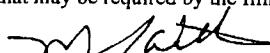
Correction of formal matters

As shown in the remarks of the attached paper, these (1) are needed for proper disclosure or protection of the invention and (2) require no substantial amount of additional work on the part of the PTO.

3. The issue fee has not been paid.

4. Additional fees:

Please charge Account 15-0450 for any additional fees that may be required by the filing of this paper.


SIGNATURE OF PRACTITIONER

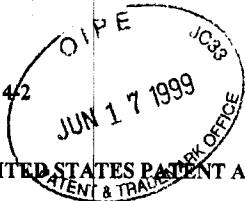
Reg. No.: 33,813
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Customer No.: 021324

Mark A. Watkins
Oldham & Oldham Co., L.P.A.
1225 W. Market St.
Akron, OH 44313 USA

Plus 4 Attached Pages

Practitioner's Docket No. 6014-2



PACT of
#11/0
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Leighton, Keith R.

Application No.: 08/918,582

Filed: 08/19/1997

For: Hot Lamination Process for the Manufacture Combination Contact/Contactless Smart Card and Product Resulting Therefrom

Group No.: 2876

Examiner: Sherr, D.

Assistant Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8(a)

I hereby certify that the attached correspondence comprising:

THIRD AMENDMENT AFTER ALLOWANCE
4 PAGES OF DRAWINGS

RETURN CARD

is being deposited with the United States Postal Service, with sufficient postage, as first class mail in an envelope addressed to:

Assistant Commissioner for Patents
Washington, D.C. 20231

on Jun. 15, 1999.

MARK A. WATKINS


Signature of person mailing paper

(Certificate of Mailing under 37 CFR § 1.8(a))

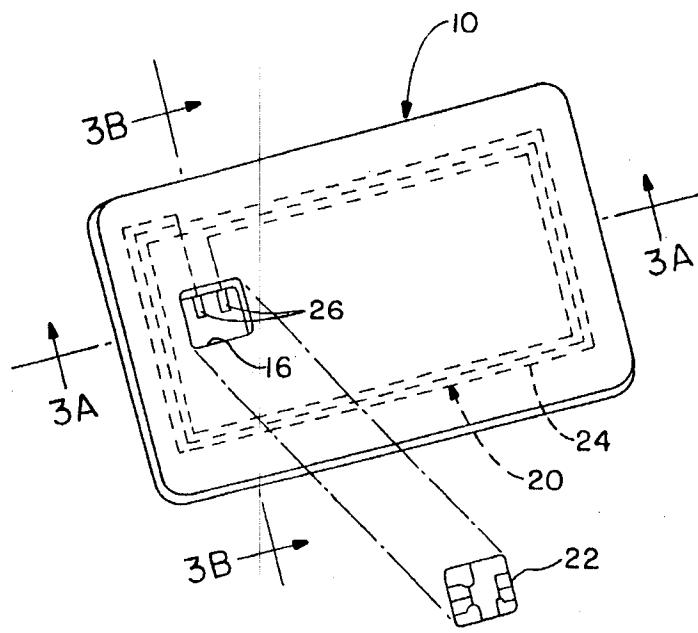
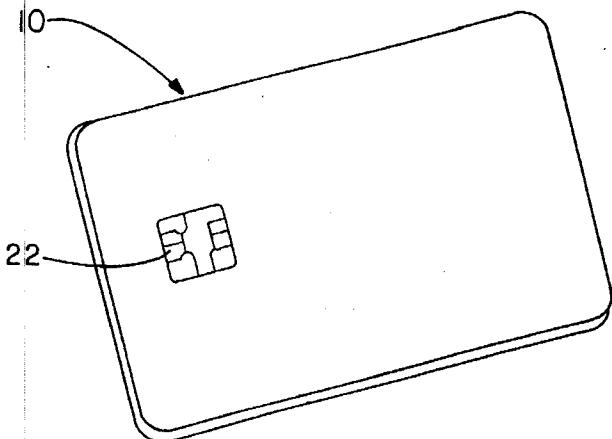


FIG.- 2A

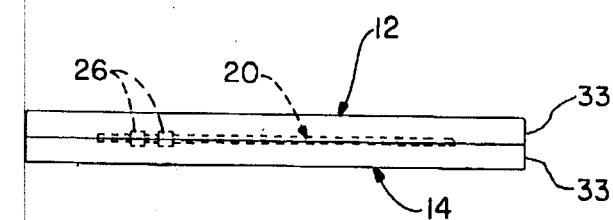


FIG.- 3A

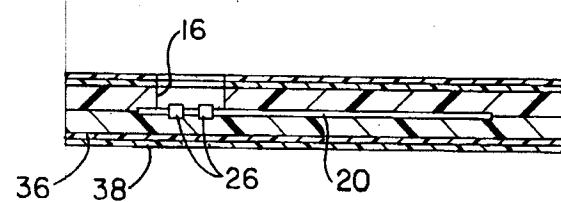


FIG.- 3B

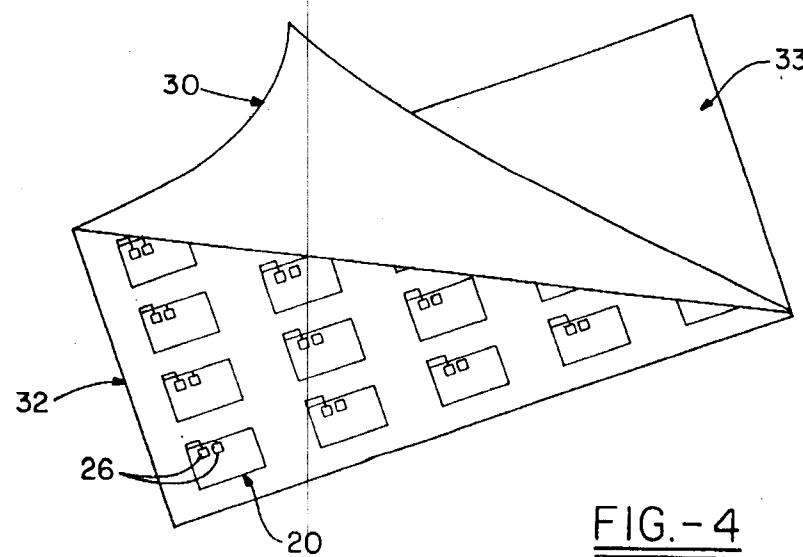
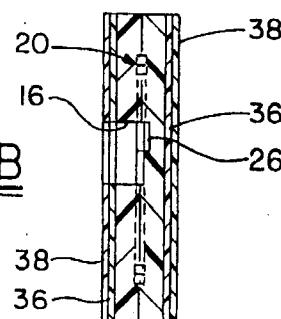


FIG.- 4

